Quick Guide – MOBOTIX NAS & MOVE/ONVIF Cameras Setting up MOBOTIX NAS/MxManagementCenter Using **MOVE/ONVIF** Cameras







This document is valid for the following MOBOTIX NAS models			
Product Name	Item Number	Product Label	
MOBOTIX NAS 2-Bay/8 Channels	Mx-S-NAS2a-8	251-G	
MOBOTIX NAS 4-Bay/16 Channels	Mx-S-NAS4A-16	451-G	
MOBOTIX NAS 8-Bay/32 Channels	Mx-S-NAS8A-32	873U-G	

Minimum requirements for software versions

- MOBOTIX NAS: Mx-NAS2-4A-4.3.4.0807, Mx-NAS8A-4.3.4.0807, ContainerStation 1.8.3.207, MOBOTIX NAS QVRProServer 1.2.1.0 (see MOBOTIX NAS Quick Install)
- MOBOTIX MOVE: SD1A → MB20181025RS, BC1A/VD1A → MB20181025RP
- MxManagementCenter: 2.2+

IMPORTANT: We recommend updating all system components to the latest software releases. Please download the latest releases of MxMC, MOBOTIX NAS, and MOBOTIX MOVE cameras from the MOBOTIX website <u>www.mobotix.com</u>:

• Support > Download Center > Software Downloads

Video Tutorials are available from the MOBOTIX website <u>www.mobotix.com</u>:

• Support > Download Center > Documentation > Video Tutorials

The **MOBOTIX NAS HDD Compatibility List** is available from the MOBOTIX website <u>www.mobotix.com</u>: • Support > Download Center > Documentation > White Lists

A Note on Licensing

MxManagementCenter can show MOBOTIX IoT and MOVE cameras "as is", i.e., without any further licensing. For bandwidth-optimized usage and professional applications, it is highly recommended to use **H.264** (requires a license for MxManagementCenter).

For more information on licensing models, please read the **Compact Guide MxMC 2.0** from the MOBOTIX website <u>www.mobotix.com</u>:

- Support > Download Center > Documentation > Brochures & Guides
- Only one Starter License per MxMC required to enable H.264

Password Security!

- **NEVER use the default access privileges!** Always make sure that you have changed the default passwords to strong passwords (numbers, lower/upper case letters, special characters)!
- The default user of the MOBOTIX NAS is "admin" and the password is "admin".
- The default user of the MOBOTIX Cameras is "admin" and the password is "meinsm".

ΜΟΒΟΤΙΧ

The objective of this document is to set up a MOBOTIX NAS as a **storage device** for **MOBOTIX Move-Kameras bzw. ONVIF-Kameras**.

The **MOBOTIX NAS QVRProServer** recording software is required for recording from **MOBOTIX Move-Kameras bzw. ONVIF-Kameras** on the NAS. For most efficient configuration of camera settings, use the **Advanced Configuration** feature of MxManagementCenter.



- 1. Start MxManagementCenter.
- 2. Start the **Welcome Wizard** by clicking on **File > Welcome** in the menu bar.

Welcome		- C X
	MxManagementCenter	?
	Import MxCC Import MxEasy Import MxEasy	<pre>IMPORTANT: MOBOTIX MOVE cameras require the following firmware version (or newer): - SD1A → MB20181025RS - BC1A/VD1A → MB20181025RP</pre>
	Mobotix • Kaiserstrasse D-67722 Langmell • info@mobotix.com • www.mobotix.com	

- Click on Add Devices. Then select the desired ONVIF S-compliant cameras you'd like to add to MxMC.
 Note: It can take up to ten minutes to find an ONVIF camera. As an alternative, you can manually add the cameras to the list by clicking the "+" icon in the control bar.
- 4. Enter the access privileges. You need access privileges of a user with ONVIF administration level access. For MOBOTIX MOVE cameras, the admin user in the camera's web interface is also the ONVIF admin. For other camera brands (e.g., Axis), the roles for web interface admin and ONVIF admin are separate.

Step 2 – Adjust the Image Settings for Live and Recording

Cameras MOBOTIX MOVE MOBOTIX MOVE	Configuration Name MOVE-10.192.0.67 Connection Protocol MOBOTIX MOVE URL 10.192.0.67 Remote URL DynDNS User Name admin Password •••••• Environment Kemote SSL Bandwidth Connection Settings Itematical statement	MxMana wration S Default	agementCenter	 en lock icon to enter edit mode, then Right-click one or more selected MOVE/ONVIF cameras. Open Connection Settings. Select your image and codec settings.
 mx10-8-28-30 mx10-8-28-197 Camera Groups 	Recording Settings MOVE-Record	der >	Bandwidth Settings LoR LoRes Profile Video Encoder	MxLoQuality VideoEncoder2
 ► 器 All cameras ► 器 Advacned Config ► 器 Move ▼ 器 Move2 Ĝ MOBOTIX MOV © MOBOTIX MOV © MOBOTIX MOV © MOBOTIX MOV 	Remove		Video Codec Frames per Second Resolution Image Quality Create MxProfiles	 A Note on Image & Codec Settings: MxMC defines the settings for Live and Recording. The HiRes profile MxHiQuality belongs to the Recording settings of the NAS. H.264 Codec requires a Starter License for MxManagementCenter.

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Step 3 – Check the Integration Key



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Step 4: Setup MOBOTIX NAS (1)



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Step 4: Setup MOBOTIX NAS (2) update firmware if required



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Installation der Recorder-Software / Installation of the Recorder Software / Installation du logiciel d'enregistrement



Step 6: Create Recording Space in QVR Pro

IMPORTANT: Reserve extra **Recording Space** if you'd like to add MOBOTIX IoT cameras later on! **IMPORTANT:** Wait until the recording space is fully allocated and **do not reboot the MOBOTIX** NAS or add cameras before this task is finished!

Recording Storage

Overview Specify where to save recorded videos, thow many days QVR Pro records normal and event streams. **Recording Space Recording Management Rebuild Recording Index Advanced Settings**

Available NAS storage: 129.00 GB

Set the required size for all recording spaces and leave the **Overwrite Threshold** at its default value (95%).

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1. After the recording spaces have been completely allocated, open **Camera Settings** in QVR Pro (Recorder Software).



2. QVR Pro is only suitable for MOVE/ONVIF cameras. To use the full functionality of Premium MOBOTIX IoT cameras (such as SD card failover and MxPEG+), MxFFS with buffered archives must be used. Therefore, make sure that no MOBOTIX IoT cameras have been selected. You can recognize MOBOTIX IoT cameras by their MAC address. If MOBOTIX IoT cameras have also been selected, deselect them.



- 3. In the next window, check whether MOBOTIX NAS has recognized the desired camera brand and IP address. Continue by adding any missing camera data, such as:
 - **Name:** Enter a unique description (used in QVR Pro only).
 - Account/Password: Access data must correspond to an ONVIF admin user for ONVIF S cameras.



4. Define the recording settings (normal = continuous recording, event recording = event controlled) in this step.

Note: When the camera is added, two profiles (MxHiQuality for HiRes and MxLoQuality for LoRes) are automatically created in MxMC. The values set in MxMC for MxHiQuality are automatically transferred to the MOBOTIX NAS.

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Enable Recording			
Normal Recording	MxHiQuality	All Day	• + E m
Event Recording 🕜 🕕	MxHiQuality		
Enable audio recording on this camera			
Edge Recording Recovery 1	 Stream1 	All Day	• + 🖻 🔟
🛛 Enable Autosnap 🗹	Michiguality	All Day	👻 🕂 🖻 🖻
N F F	lote: Simultaneous operation Recording is currently not supp Recording for PTZ cameras.	of Normal Recording and E orted. It is recommended to	vent o use Normal

- Finish and then close the wizard. 1.
- In the **Camera Settings** window, check that all cameras have been added to the QVR Pro software. 2.
- Wait some time (~5 min) until the MOBOTIX NAS has connected to the new cameras. 3.







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1. In the **Recording Settings** of MxManagementCenter, select the corresponding **Recording Path** (MOBOTIX NAS). Then make sure that the correct camera IP is specified under **Device Directory**.



2. You can now play back the camera recordings in MxManagementCenter.

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Done – MxMC Playback of MOVE/ONVIF Cameras



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